



Anti-POSTN polyclonal antibody [Biotin] (DPABY-529)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	OSF-2 (Osteoblast-Specific Factor 2), also known as Periostin, is a secreted, homodimeric protein that belongs to the periostin family of the FAS1 superfamily of molecules. It is a TGF-beta inducible molecule that serves as both an adhesion molecule and tumor suppressor. It is synthesized by smooth muscle cells, fibroblasts and osteoblasts, as well as in the periosteum and periodontal ligament. In bone, OSF-2 is thought to be involved in osteoblast recruitment, attachment and spreading.
Specificity	Detects mouse Periostin/OSF-2 Isoform 2 in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human OSF-2 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse Periostin/OSF-2 Isoform 2. Asn24-Gln811 Accession Number Q62009
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	Postn periostin, osteoblast specific factor [Mus musculus (house mouse)]
Official Symbol	POSTN
Synonyms	POSTN; periostin, osteoblast specific factor; PN; PLF; Osf2; peri; OSF-2; AI747096; A630052E07Rik; periostin; periostin-like factor; osteoblast-specific factor 2; osteoblast specific factor 2 (fasciclin I-like);
Entrez Gene ID	50706
Protein Refseq	NP_001185694
UniProt ID	Q62009
Chromosome Location	3 C; 3
Function	heparin binding;